

Title (en)
POLYESTER RESIN COMPOSITION

Title (de)
POLYESTERHARZ ZUSAMMENSETZUNG

Title (fr)
COMPOSITION A BASE DE RESINE POLYESTER

Publication
EP 1016692 B1 20031126 (EN)

Application
EP 98941706 A 19980903

Priority
• JP 9803959 W 19980903
• JP 25268697 A 19970903

Abstract (en)
[origin: WO9911709A1] A polyester resin composition containing at least 90 % by weight of polytrimethylene terephthalate and having a limiting viscosity of 0.4 to 2, a phosphorus compound content of 10 to 150 ppm (in terms of phosphorus element), a cyclic dimer content of not above 3 % by weight and a bis(3-hydroxypropyl) ether content of 2 % or below. It is excellent in spinning stability and melting stability and usable for producing polytrimethylene terephthalate fibers having excellent whiteness and strength.

IPC 1-7
C08L 67/02; **C08K 5/00**; **C08G 63/672**; **D01F 6/62**; **D01F 6/84**

IPC 8 full level
C08G 63/183 (2006.01); **C08G 63/672** (2006.01); **C08K 5/52** (2006.01); **D01F 6/62** (2006.01); **D01F 6/84** (2006.01)

CPC (source: EP KR US)
C08G 63/183 (2013.01 - EP US); **C08G 63/672** (2013.01 - EP US); **C08K 5/52** (2013.01 - EP US); **D01F 6/62** (2013.01 - EP KR US); **D01F 6/84** (2013.01 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/294** (2015.01 - EP US); **Y10T 428/2969** (2015.01 - EP US)

Cited by
US6335421B1; KR100879644B1; EP1364980A4; EP1477506A1; EP1539851A4; EP1491569A4; US6284930B1; WO02098948A1; WO2004106405A1; WO2005030857A1; WO2004101645A1; US6872352B2; US6752945B2; US6281325B1; US6740276B2; US6685859B2; US7388067B2; US6458455B1; US6835339B2; US6610819B2; US6576340B1; US6858702B2; US7034088B2; EP1142955B2

Designated contracting state (EPC)
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EP 1016741 A1 20000705; **EP 1016741 A4 20010207**; **EP 1016741 B1 20050126**; AT E255145 T1 20031215; AT E287979 T1 20050215; DE 69820086 D1 20040108; DE 69820086 T2 20040826; DE 69828802 D1 20050303; DE 69828802 T2 20051222; EP 1016692 A1 20000705; EP 1016692 A4 20010117; EP 1016692 B1 20031126; ES 2210807 T3 20040701; ES 2232960 T3 20050601; JP 3109053 B2 20001113; JP 3204399 B2 20010904; KR 100343406 B1 20020711; KR 100353913 B1 20020928; KR 20010023232 A 20010326; KR 20010023548 A 20010326; TW 400361 B 20000801; TW 419539 B 20010121; US 2001003618 A1 20010614; US 6316101 B2 20011113; US 6423814 B1 20020723; WO 9911709 A1 19990311; WO 9911845 A1 19990311

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EP 98941707 A 19980903; AT 98941706 T 19980903; AT 98941707 T 19980903; DE 69820086 T 19980903; DE 69828802 T 19980903; EP 98941706 A 19980903; ES 98941706 T 19980903; ES 98941707 T 19980903; JP 51661199 A 19980903; JP 51661299 A 19980903; JP 9803959 W 19980903; JP 9803960 W 19980903; KR 20007001862 A 20000224; KR 20007002196 A 20000302; TW 87114654 A 19980903; TW 87114655 A 19980903; US 46384600 A 20000426; US 48558100 A 20000214